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**Thermal transfer medium with fluorescent material for identity cards and passports - has recording layer containing color pigment, binder resin and fluorescent material which emits light on ultraviolet or infrared irradiation**

**Patent Assignee:** TOPPAN PRINTING CO LTD

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**Patent Family (1 patent, 1 country)**

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JP 11301121	A	19991102	JP 1998113886	A	19980423	200003	B

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**Patent Details**

Patent Number	Kind	Language	Pages	Drawings	Filing Notes
JP 11301121	A	JA	9	2	

**Alerting Abstract:** JP A

**NOVELTY** - A thermal transfer recording layer (3) containing fluorescent material, color pigment and binder resin is formed on a support layer (2). The fluorescent material emits light when irradiated with ultraviolet or infrared rays.

**DETAILED DESCRIPTION** - An **INDEPENDENT CLAIM** is also included for image formation method. The thermal transfer recording layer is thermally transferred on an image receiving sheet by thermal head printer and image formation is carried out by area gradation.

**USE** - For identity cards and passports.

**ADVANTAGE** - Light resistance and security properties are improved.

**ADVANTAGE - DESCRIPTION OF DRAWING(S)** - The figure shows sectional view of thermal transferring medium. (1) Thermal transfer medium; (2) Support layer; (3) Thermal transfer recording layer.

**International Classification (Main):** B41M-005/30 **(Additional/Secondary):** B42D-015/10

**Original Publication Data by Authority**

**Japan**

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**\*\*THERMAL TRANSFER RECORDING MEDIUM CONTAINING FLUORESCENT AGENT AND METHOD FOR FORMING IMAGE\*\***

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**Language:** JA (9 pages, 2 drawings)

**Application:** JP 1998113886 A 19980423 (Local application)

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